



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Kent, et al.

Confirmation No.:

Application No.: 10/627,158

Examiner:

Filing Date: 07/25/03

Group Art Unit:

Title: Improvements Relating to Quantum Cryptography

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97 (c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, Alexandria, VA
22313-1450. Date of Deposit: Dec. 3, 2003

Respectfully submitted,

Kent, et al.

() I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____
Number of pages: _____

By Scott A. Horstemeyer

Scott A. Horstemeyer

Attorney/Agent for Applicant(s)

Reg. No. 34,183

Typed Name: Julie Campbell

Date: Dec. 3, 2003

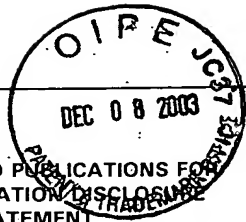
Signature: Julie Campbell

Telephone No.: (770) 933-9500

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

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ATTY. DOCKET NO.

200206289-1

APPLICATION NO.

10/627,158

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GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

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	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Maurer, Ueli M., "Secret Key Agreement by Public Discussion from Common Information", IEEE Transactions on Information Theory, vol. 39, No. 3, May 1993, pp. 733-742.
1R	Bennett, Charles H., et al., "Generalized Privacy Information", IEEE Transactions on Information Theory, Vol. 41, No. 6, November 1995, pp. 1915-1923.
1S	Nielsen, Michael, et al., "Quantum Computation and Quantum Information" (Chapter 7), Cambridge University Press (2000), pp. 277-352.

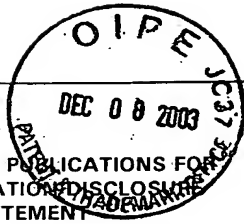
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	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	Bennett, C.H., et, al., "Quantum Cryptology and Its Application to Provably Secure Key Expansion, Public-Key Distribution and Coin-Tossing", IEE International Symposium on Information Theory Abstract (1983), p. 91. (This reference provided as substitute for the citation on page 3, line 11 of the specification which cannot be located).
2R	
2S	

EXAMINER

DATE CONSIDERED